

Aberdeen Proving Ground (APG) Science and Technology Board Meeting
August 7, 2000

1. The APG Science and Technology board convened at 1:00 on August 7 2000.

2. Attendees at the meeting were:

Mr. Brian Simmons	U.S. Army Developmental Test Command (USADTC)
Mr. Rick Cozby	USADTC
Ms. Laura Haug	USADTC
Mr. Harry Cunningham	U.S. Army Aberdeen Test Center (ATC)
Dr. Jim LaCalle	Harford Community College (HCC)
Ms. Mary K. McLaughlin	Cecil Community College (CCC)
Mr. Mike Dette	U.S. Army Environmental Center
Dr. David Mortin	U.S. Army Materiel Systems Analysis Activity (USAMSAA)
Mr. Paul Dietz	USAMSAA
Dr. Jim Savage	U.S. Army Soldier and Biological Chemical Command (USASBCCOM)
Dr. Brennie Hackley	U.S. Army Medical Research Institute of Chemical Defense (USAMRICD)
Ms. Katie McRoberts	U.S. Army Aberdeen Proving Ground Garrison
Mr. Blake Sojonia	TRsG
Mr. Roy Albert	TRsG
Ms. Rita Savage	U.S. Army Ordnance Center and School (OCS)
Ms. Denise Carnaggio	Office of Economic Development (OED)
Mr. Bill Rutherford	OED
Mr. Paul Bergeron	U.S. Army Program Manager Chemical Demil.
Mr. Rich Dimmick	U.S. Army Research Laboratory (ARL)
Ms. Barbara Ringers	USARL
Ms. Pat McClung	Garrison, APG
Mr. Warren Mullins	Northeastern Maryland Technology Council (NMTC)
Mr. Jack Martin	TRI-S
Mr. Stephen Clark	USADTC

3.

a. Mr. Clark reviewed the action items from the June APG S&T Board meeting. A point of contact (POC) from each organization will be required to assist in preparations for the BDO ribbon cutting ceremony, date to be announced.

ACTION:

Each APG S&T Board tenant organization to provide POC information for the BDO ribbon cutting ceremony to Mr. Clark. (Suspense (S)-Aug 21)

b. Ms. Carnaggio provided an update concerning the Office of Economic Dev. The "Daily Record" supplement highlighting Harford County will feature both CHPPM and ATC. This booklet will be distributed at trade shows. The next target publication for APG tenant inclusion will be the Tech Gazette. Ms. Savage stated that the OCS desires to be part of the brochure.

The annual Job Fair will take place on October 13 on APG. This fair is open to individuals both on and off post.

c. Mr. Mullins briefed the NMTC. The NMTC presently is on summer recess. Harford and Cecil County students are presently modeling the German Railroad Gun at the U.S. Army Ordnance Museum as part of the 3D modeling course.

d. Harford and Cecil County High School students are attending a Computer Aided Design (CAD)/Computer Modeling Course at the HEAT Center and the Cecil Community College. Silicon Graphics has loaned eight computers for the duration of the course. There are a total of 32 students at both sites, a figure that the NMTC hopes to double next year. The selection for the annual NMTC scholarship for a student majoring in science at HCC occurs next week.

e. Ms. Carnaggio briefed the Marketing subcommittee report. The TEAM APG Business Development Office will have a corner booth next to the Harford County Office of Economic Development booth at the Maryland Technology Showcase slated for December 6 and 7 in Baltimore. Ms.

McClung is working on a press release for BDO. There are approximately 20 newspapers/periodicals on the distribution list. This list will be provided to the BDO, NMTC, and HCC allowing these organizations to provide additional name/addresses for the press release. Ms. Carnaggio is providing a list of those officials and industry representatives that need to be invited to ribbon cutting to the BDO.

Actions:

- Ms. McClung to provide press release list to Mr. Clark (S-Aug 14)
- Mr. Clark to provide list to BDO, NMTC, and HCC (S-Aug 14)
- Messrs. Sajonia (BDO), Mullins (NMTC) and Dr. LaCalle (HCC) to provide input to Mr. Clark. (S-Aug 28)
- Ms. Carnaggio to provide a list of officials/industry representatives for BDO ribbon cutting to Mr. Clark (S-Aug 21)

f. Dr. LaCalle briefed the higher education subcommittee report. The new name for the higher education building is "Education and Conference Center". A sign with this new name is posted outside of building. Picnic tables have also been installed outdoors. HCC now offers computer certification courses and is in process of moving a lab to HEAT center. HCC will produce a brochure describing these courses. Johns Hopkins University (JHU) part time engineering school has indicated interest to having a presence at the HEAT Center. Mr. Simmons, Mr. Sadowski, two DTC externs, Ms. Ringers, Dr. LaCalle, and Mr. Clark visited Dr. Westgate, Executive Director of Part time Programs, on July 28. APG and the County need to support this effort at the supervisory level. Dr. LaCalle spoke to Catherine Rossi, JHU, concerning the JHU biotechnology program. Ms. Rossi has a high degree of confidence that JHU will bring a presence to the HEAT Center during the fall 2001 semester. Dr. LaCalle is also exploring bringing both a Masters of Business and Computer Engineering programs to the Education and Conference Center. Dr. LaCalle will approach in-state schools, however barring interest will approach out-of-state schools such as University of Phoenix. The short Biotechnology survey, consisting of JHU course offerings, is still being sought from SBCCOM, MRICD, and CHPPM. Dr. LaCalle is creating a database for potential instructors/adjunct professors. Requests that interested parties send names, qualifications, etc. to Ms. Terri Morris at the HEAT Center fax (410) 836-4383. Obtaining instructors/adjunct professors will greatly help out schools such as JHU.

ACTIONS:

SBCCOM/CHPPM/MRICD provide responses to JHU biotechnology survey to Dr. LaCalle (S-Aug 25)

ALL - Provide names of individuals interested in becoming an instructor/adjunct professor to Ms. Morris (S-Open)

g. Mr. Martin showed video clips of the OCS open house.

h. Dr. Savage briefed the high technology subcommittee report. The next BDO focus area will be in nanomaterials. Dr. Savage asks that action items be assigned to specific individuals and those actions be clearly reflected in the meeting minutes. Mr. Simmons stated the S&T Board must continue to look for the hooks in the technologies brought forward by the high technology subcommittee. The BDO is tasked to look into applicability of the technologies. Above all, the contributing tenants must see return on their investment in the BDO during the next few months if the BDO expects to receive funding for the next fiscal year.

i. Mr. Dimmick provided a briefing on nanomaterials. This technology will involve multiple tenants, to include ARL, ATC, CHPPM, MRICD, and SBCCOM. Applicability of this technology will be found in the areas of energetics, medicines and topical lotions, personal apparel, and environmental applications to name but a few. Mr. Dette stated that this effort must have a specific focus, perhaps 3-4 different areas. The technology is too broad to grasp in its entirety. The BDO has been assigned action items to identify APG organizational Point of Contacts (POCs); Track Federal Programs and Funding; Contact potential partners, customers, and funding sources; explore feasibility of an APG nanotechnology center; and host the September 2001 Mid-Atlantic Regional Nanomaterials Forum. The APG niche is to take the basic research from the universities and turn it into a product. Mr. Simmons, after polling the group for comments/concerns, stated that nanomaterials is now the number two initiative for the BDO. Mr. Dimmick to lead this initiative. Mr. Simmons cautioned that all parties must recognize that this initiative is different than Process Engineering Facility (PEF). Mr. Simmons stated that contact should be made with Dr. Phil Singerman, Maryland Technology Development Corporation (TEDCO) to

obtain assistance in this effort. Further, NMTC should be contacted when they resume business in the fall to get the word to industry/universities.

Actions:

Mr. Dimmick POC for Nanomaterials effort

BDO tasked to:

Identify POCs at each APG organization to assist in this effort (S-Sept 15)

Track Federal Programs and Funding (Initial Status S-Sept 18)

Contact potential partners, customers, and funding sources (S-Commence immediately, open action report progress at each S&T mtg)

Explore feasibility of an APG Nanotechnology Center (S-Dec 8)

Schedule the September 2001 Mid Atlantic Regional Nanomaterials Forum at APG (S-Apr 23 2001)

j. Mr. Sajonia briefed the BDO report. Mr. Sajonia requested that his presentation be attached to the minutes. The PEF Current Good Manufacturing Practices (cGMP) initiative was briefed to, and endorsed by, Ms. Renata Price, Army Materiel Command Assistant Deputy Chief of Staff for Research, Development and Acquisition - Science, Technology, and Engineering on Aug 3. The BDO, and Dr. Valdes, SBCCOM, will brief Dr. Michale Andres, Deputy Assistant Secretary of the Army for Research and Development. Finally, a briefing and request for funds will be made to Dr. Kenneth Oscar, Deputy Assistant Secretary of the Army for Procurement. Dr. Valdes is handling these issues; dates for the briefings have not been determined. Dr. Valdes is prepared to implement this initiative by using an existing contract. The total funding required for this effort is 1.9 million dollars.

The APG news was thanked for its press coverage of the PEF in its July 20 edition. Mr. Sajonia provided the rationale concerning why Cooperative Research and Development Agreements (CRADA) were not legally possible between APG and TEDCO. Any agreement must be in the form of a Memorandum of Agreement (MOA). MOAs between ATC, SBCCOM and TEDCO have been developed and are being finalized by appropriate legal staff.

Input is still needed from all S&T member organizations, except ATC, DTC, and SBCCOM, to build the web-based database of TEAM APG capabilities. Information on organizational capabilities and facilities should be written to compact disk and forwarded to the BDO to allow construction of TEAM APG database. Include any additional information relevant to BDO functions, such as a model CRADA and Test Service

Agreement. Mr. Sajonia may be contacted at (410) 273-5062 or (301) 370-5412.

Actions:

Activities to forward a copy of their CRADA/TSA to Mr. Sajonia (S-Sept 11)

Activities (minus SBCCOM, ATC, DTC) to forward a CD with their organizational capabilities and facilities to Mr. Sajonia (S-Aug 30)

k. Ms. Savage agreed to defer her presentation until the next APG S&T Board meeting.

4. The meeting ended at 3:00. The date of the next APG S&T Board meeting is scheduled for September 18, at 1:00.

Stephen C. Clark
APG S&T Board Coordinator